PAVAN M

Vittla, Puttur | +91 79750 51747 | pavanmoovaje123@gmail.com | GitHub | LinkedIn

PROFESSIONAL SUMMARY

Motivated AIML engineering student skilled in real-time AI systems, machine learning, deep learning, computer vision, NLP, and intelligent automation. Experienced in building end-to-end AI solutions including telemetry anomaly detection, face-recognition systems, bite-mark detection models, AI classroom assistants, and full-stack web applications. Seeking an internship opportunity to apply my technical expertise in applied AI and scalable product development.

EDUCATION

KVG College of Engineering, Sullia — B.E. in AIML (2026)
Percentage: 83%

Vittal Pre-University College, Vittla — PCMB (2022)
Percentage: 79%

Sri Sathya Sai Loka Seva High School, Alike — (2020)
Percentage: 80%

CERTIFICATIONS

- Python Programming — freeCodeCamp

TECHNICAL SKILLS

Programming Languages: Python, C, MySQL
Frameworks & Libraries: TensorFlow, PyTorch, OpenCV, Flask, FastAPI, NumPy, Matplotlib, Scikit-Learn
Tools & Platforms: Git, VS Code, Hugging Face, Ollama, Keras, Firebase, WSL Ubuntu, Google Cloud, Jupyter Notebook
Databases: MongoDB, MySQL, SQLite, Firebase

PROJECTS

Space Telemetry Analysis

- A real-time spacecraft telemetry anomaly detection system with server–client architecture, live logging, and dual interfaces (Tkinter + Streamlit).

- Tech Stack: Streamlit, Pandas, Matplotlib, Plotly, Python 3.9

- GitHub: https://github.com/Hangman-dot/spacecraft-telemetry-anomaly-detector

ClickFix

- A citizen reporting system with role-based dashboards for officers and workers.

- Tech Stack: Next.js 15, TypeScript, Chakra UI, Tailwind CSS, Framer Motion

- Role: Backend Developer | GitHub: https://github.com/0a1kshay/Clickfix

- URL: https://c-clickfix.web.app/

Space Search Engine

- FastAPI backend for searching and analyzing space biology datasets using AI.

- Tech Stack: Python, FastAPI, PostgreSQL, NASA API, LLM APIs

- Role: Backend Developer | GitHub: https://github.com/user12bharath/Engine

Human Bite-Mark Analysis

- Deep learning pipeline for forensic bite-mark detection using CNN models.

- Tech Stack: Python, TensorFlow 2.10+, NumPy, OpenCV

- Role: Model Developer | GitHub: https://github.com/user12bharath/bitemark

AutoSummarizer

- Backend model that summarizes PDFs, images, and URLs.

- Role: Backend Developer

Gamify_AR

- AR/VR web application that makes programming education interactive using 3D and AR elements.

- Tech Stack: React, Vite, Three.js, AR.js, WebXR, Zustand

- Role: AR/VR Implementation | URL : https://learn-with-vr-b465b.web.app

EXPERIENCE

CODE CORTEX — Team Leader
- Led a team in 5–6 hackathons and secured top positions in 2.
- Managed technical planning and prototype development.

ACHIEVEMENTS

- Winner in multiple hackathons
- Led major AI, ML, and Web projects

LEADERSHIP

Vice President — LYNX_AI (AIML Branch)
- Led student development initiatives in AI and technology.

Technical Lead — Open Source Community
- Guided students in open-source development and coding practices.

PERSONAL DETAILS

-Languages: Kannada, English, Hindi, Tamil, Malayalam, Tulu
-Hobbies: Photography, Drawing, Video Games